To: Whitlock, Steve[Whitlock.Steve@epa.gov]; Croxton, Dave[Croxton.David@epa.gov]

Cc: Reichert, Julie[reichert.julie@epa.gov]; Chemerys, Ruth[Chemerys.Ruth@epa.gov]; Rueda,

Helen[Rueda.Helen@epa.gov]; Opalski, Dan[Opalski.Dan@epa.gov]; Goodin, John[Goodin.John@epa.gov]; Furtak, Sarah[Furtak.Sarah@epa.gov]; Keating, Jim[Keating.Jim@epa.gov]; Monschein, Eric[Monschein.Eric@epa.gov]; Owens,

Kim[Owens.Kim@epa.gov]

From: Cope, Ben

Sent: Mon 8/19/2013 3:23:23 PM

Subject: RE: prep for Aug. 28--Analysis background w/ feeling this time

Tarang Presentation May12 Tech Meeting.pdf

Steve, see attached for the 2008 PNNL/City Light presentation. See slides 15-19 for shortcomings of short (e.g., 7 day) pooling. Thanks. -BC

Ben Cope, Environmental Engineer Office of Environmental Assessment EPA Region 10 206-553-1442

From: Whitlock, Steve

Sent: Friday, August 16, 2013 1:04 PM

To: Croxton, Dave; Cope, Ben

Cc: Reichert, Julie; Chemerys, Ruth; Rueda, Helen; Opalski, Dan; Goodin, John; Furtak, Sarah; Keating,

Jim; Monschein, Eric; Owens, Kim

Subject: RE: prep for Aug. 28--Analysis background w/ feeling this time

Dave or Ben,

The document you sent referenced a PNNL/City Light presentation (2008). Where can I find that presentation?

Thanks.

--Steve--

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Steve Whitlock

U.S. Environmental Protection Agency, Office of Water, Office of Science and Technology Health and Ecological Criteria Division, Ecological and Health Processes Branch (4304T) 1200 Pennsylvania Avenue NW, Washington DC 20460 phone 202-566-1541, fax 202-566-1140, whitlock.steve@epa.gov

priorite 202 000 15 127 tax 202 000 12 10 7 (1771)

From: Croxton, Dave

Sent: Thursday, August 15, 2013 12:02 PM

To: Furtak, Sarah; Keating, Jim; Whitlock, Steve; Monschein, Eric; Owens, Kim **Cc:** Reichert, Julie; Chemerys, Ruth; Rueda, Helen; Opalski, Dan; Goodin, John **Subject:** RE: prep for Aug. 28--Analysis background w/ feeling this time

With attachment << File: Rationale for the PdO TMDL Methodogy (2).docx >>

From: Croxton, Dave

Sent: Wednesday, August 14, 2013 4:40 PM

To: Furtak, Sarah; Keating, Jim; Whitlock, Steve; Monschein, Eric; Owens, Kim **Cc:** Reichert, Julie; Chemerys, Ruth; Rueda, Helen; Opalski, Dan; Goodin, John

Subject: RE: prep for Aug. 28 face-to-face--Analysis background

Hi All,

Attached is a new paper that Ben put together for additional background and preparation for our meeting on the 28th. It consolidates some previous information and adds some new information on two aspects of the TMDL under discussion: 1) the use of CFA; and, 2) the consideration of temperature conditions at the border.

Thanks